

30763

Fission counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	5.5/139.7
MAXIMUM DIAMETER (INCH/MM)	0.5/12.7
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
EFFECTIVE DIAMETER (INCH/MM)	0.4/10.2
CONNECTOR	MHV
SENSITIVE LENGTH (INCH/MM)	2.5/63.5
FILL GAS	Argon, Nitrogen
FILL PRESSURE (TORR)	760

NEUTRON SENSITIVE MATERIAL

ENRICHMENT (%)	>93
MATERIAL	U235
TOTAL QUANTITY (MG)	16

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING VOLTAGE RANGE (VOLTS)	200-800
NEUTRON SENSITIVITY (COUNTS/ 10^3 NEUTRONS)	1
BACKGROUND (COUNTS)	0.6
PULSE RISE TIME (NANOSECONDS)	200

